There's an app for that! Help with GIS processing and app development for the George Washingon NF



Project Title	There's an app for that! Help with GIS processing and app development for the George Washingon NF
Project Summary	Help digitize old growth forest resources, analyze and process aerial imagery to update forest coverage data and develop an app for a hardwood assessment tool to assist the George Washington and Jefferson National Forest enhance its ability to manage your National Forests!
Country	United States

Project Description

The USDA Forest Service's George Washington and Jefferson National Forests is seeking one or more interns to complete the following specific GIS and web based tasks:

- 1. Develop a spatial and tabular database for inventoried old growth forest resources.
- 2. Analyze aerial imagery to digitize canopy openings and early successional habitat.
- 3. Work collaboratively to assist in the development of an app for the under construction VA Hardwood Assessment Tool.

We are looking for an individual with an interest in the management of natural resources with strong ArcGIS skills, research skills, and understanding of app development and web design, the ability to work collaboratively and has a high degree of self-motivation. The completion of these tasks are critical in aiding the George Washington and Jefferson National Forests mange and enhance old growth forest community types, function from more updated data sets during land management planning, and provide a hardwood planning tool that can be used across shared landscapes of private and public lands.

Required Skills or Interests

Skill(s)

Data analysis

GIS expertise

Graphic design

Additional Information

This is an exciting opportunity to help the conservation of your National Forests! The George Washington and Jefferson National Forests are nestled in the Southern Appalachian Hardwoods in Virginia, West Virginia, Kentucky and Tennessee. This internship position would provide the Forest much needed capacity to update our spatial data to ensure effective planning and program delivery.

Language Requirements

None